

START

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MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 450 Hills

FROM: W. L. Johnson

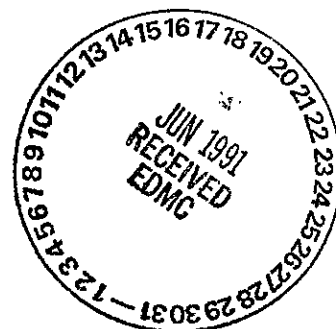
W. L. Johnson
9/16/91

CHAIRMAN: W. L. Johnson

Dept-Operation-Component	Area	Shift	Meeting Date	Number Attending
Environmental Engineering	3000	Day	June 17, 1991	9

Distribution:

M. R. Adams	H4-55	R. E. Lerch	B2-35
M. V. Berriochoa	B3-30	P. S. Innis*	B5-01
L. C. Brown	H4-51	D. Nylander*	fax
P. T. Day	B5-01	D. R. Sherwood*	B5-01
H. D. Downey*	L4-92	R. K. Stewart*	A5-19
D. R. Einan*	B5-01	T. M. Wintczak*	L4-92
J. K. Erickson	A5-19	EDMC	H4-22
J. M. Frain	H4-55	EERAS Route	
M. C. Hagood	H4-55	WLJ: File/LB	
W. F. Heine	B2-35		
G. C. Henckel*	H4-55		



*Attendees

The weekly interface meeting on the Expedited Response Actions (ERAs) was held to status the ERAs for the U.S. Department of Energy-Richland Operations Office and the regulators. The meeting was conducted in accordance with the attached agenda. Actions were formally reviewed and the attached action item list was updated and will be provided at the next weekly interface meeting.

All three projects were discussed, and their status is summarized in the attached weekly report.

Two major issues were discussed. The first issue surrounded the request by two individuals for a 15-day extension of the public comment period for the 316-5 Process Trench ERA Proposal. DOE agreed to pursue this request in conjunction with EPA. Project activities will continue as scheduled until directed to do otherwise. The second issue surrounds the requirements for implementing an HCl Scrubber as part of the CCl₄ treatment system. Attached is a DSI summarizing those requirements. No other agreements or commitments were reached.

Attachments:

1. Agenda
2. Action Item List
3. Weekly Report
4. HCl Scrubber Requirements

WEEKLY INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: June 17, 1991

- GENERAL ISSUES
 - Action Item Review
- INDIVIDUAL PROJECT STATUS
 - 618-9 Burial Ground
 - o Tritium no longer an issue.
 - o Down posting of the burial ground.
 - 300 Area Process Trenches
 - o Public comment extension.
 - 200-W Carbon Tetrachloride
 - o ERA Proposal Status (NEPA).
 - o HCL scrubber requirements.
- OTHER ISSUES
 - Public Meetings.
 - Nuclear Waste Advisory Council presentation.
- SUMMARY OF ACTION ITEMS

EXPEDITED RESPONSE ACTION STATUS MEETING

-ACTION ITEMS-
June 17, 1991

ORGANIZATION

ACTION ITEM

DOE

Revise the TPA to refer to Interim Response Actions and Interim Measures as Expedited Response Actions. (open)

EPA

Review and consolidate Ecology's comments with EPA's comments on the document "Prioritizing Sites for Expedited Response Actions at the Hanford Site." (open)

WHC

Disposition DOE-HQ comments on the document "Prioritizing Sites for Expedited Response Actions at the Hanford Site." (open)

WHC

Provide EPA and DOE with an update of the N-Springs engineering study. (open)

EPA

EPA committed to provide DOE and WHC with feedback on the air permitting issues for the carbon tetrachloride ERA as soon as possible. (open)

WHC

WHC will provide EPA with a copy of the specification for the catalytic oxidation unit after the bids are closed. (open)

WHC

WHC will issue a press release on the 618-9 Burial Ground ERA after the decision is made on how the waste will be dispositioned. (open)

Ecology

Ecology will provide Ralph Patt (State of Oregon) with a copy of the Carbon Tetrachloride ERA Proposal. (open)

Weekly Report, Week Ending June 14, 1991
EXPEDITED RESPONSE ACTIONS
Technical Contact - Wayne L. Johnson, 376-1721
Environmental Division

618-9 BURIAL GROUND EXPEDITED RESPONSE ACTION - Risk assessment for the 618-9 Burial Ground EE/CA will be prepared through a subcontract with IT Corporation.

Sample analysis data is not being returned as contracted by Weston Laboratory. The Office of Sample Management is talking to the labs to correct the situation. More information on this topic will be available next week.

As a result of the segregation method agreed upon by all responsible parties, none of the miscellaneous debris qualifies as hazardous waste. It is planned that the majority of the waste will be disposed of as low-level waste (resulting in cost saving). Results of radioactive surveys on the waste have been obtained and are currently being evaluated.

Regulatory Analysis has contacted Ecology regarding clarification on threshold levels for treatment (e.g. what concentration of constituents does not require treatment) of contaminated soil. This information is anticipated to be received by June 15, 1991, to support the preparation of the EE/CA.

A task order is currently being developed for utilizing IT Corporation in performing a biotreatability study. Results of this study will also be utilized in the EE/CA.

316-5 PROCESS TRENCH EXPEDITED RESPONSE ACTION - The soil sampling plan was submitted to DOE-RL for their transmittal to EPA and Ecology. A weekly meeting on the ERA with the various support organizations was held on June 12, 1991, to go over progress on completion of assignments. All assignments are progressing on schedule. A draft readiness review document has been prepared for concurrence signatures. The project is on schedule for a July 1, 1991, start date.

200 WEST CARBON TETRACHLORIDE EXPEDITED RESPONSE ACTION - The draft document DOE/RL-91-32, *Expedited Response Action Proposal for the 200 West Area Carbon Tetrachloride Plume*, will be sent to DOE-RL, EPA and Ecology on Monday, June 17, 1991, meeting a DOE-RL award fee milestone.

A meeting was held with Engineering Testing to describe the CCl_4 vacuum hose heater requirements. They have some good ideas and will provide a cost estimate and schedule to assist in solving this problem.

A week was lost in the procurement cycle for the Catalytic Oxidation Unit in establishing the capital cost accounts. We can recover by authorizing premium

pay for the successful vendor to complete delivery by mid-August. The cost account plan and specification has been hand delivered to Transportation.

Dr. Michael Marley of VAPEX Environmental Technologies will be providing a workshop on the fundamentals of soil vapor extraction on June 18 - 19, 1991, at the Red Lion/Hanford House. The workshop is being held as part of the training for the 200 West Area Carbon Tetrachloride Expedited Response Action project personnel. Other individuals are also welcome to participate.

DON'T SAY IT ---Write It! DATE: June 14, 1991

TO: Wayne Johnson

FROM:

Paul Valcich

Telephone: 6-6686

cc: Mike Hagood

SUBJECT: HCl Scrubber Requirements

The scrubber option quoted for the Catalytic Oxidation Module is a " PVC counter scrubber with controls for HCl neutralization ".

The scrubber unit will require:

- Over 500 pounds of sodium hydroxide per day
- 35 gpm water supply. The scrubber will use 50 gpm and the quencher will use 10 gpm. Assuming a scrubber recirculation efficiency of 50%, leaves a constant water supply need for 35 gpm.
- Waste water disposal system for 50,400 gallons per day.
- Extensive freeze protection or shut down during freezing weather.
- Operation support.

Unit scrubber related cost:

- | | |
|---|--------------|
| • Scrubber module | \$ 21,000.00 |
| • Sodium Hydroxide (\$0.20 / pound, 500 lbs. per day) | 35,500.00 |

Additional cost with dollar amounts unknown at this time:

- Construction cost to install a water line to each CATOX site. Line will have to be hand dug due to rad. zones.
- Waste water disposal costs for 50,400 gallons per day per site.
- Operation manpower support. System would no longer be maintained by EFS technicians.